



~~SECRET~~  
NATIONAL SECURITY AGENCY  
WASHINGTON 25, D. C.

~~CONFIDENTIAL~~

Serial: S 1285

4 NOV 1957

~~SECRET~~

Director, Central Intelligence Agency  
2430 E Street, N. W.  
Attn: COMMO

Dear Sir:

ENC 127	REV DATE 23/4/50	55377
CLASS 701	52	01
EXEMPTED 5	1	X
DATE 1/1/58	1/1/58	1/1/58
NSA/		

Reference is made to your Memorandum, Subject: Operational Testing of AS-4A Communications System with TSEC/KX-3, dated 21 October 1957.

It is agreed that NSA personnel should participate in and observe the operational tests of the TSEC/KX-3 and AS-4A system. Appropriate arrangements can be made by calling Mr. William T. Seccombe, Li. 5-6700 Ext. 60586.

The TSEC/KX-3 is tentatively judged to provide security for all classifications of traffic contingent on acceptability of the indicator randomizer. Reliability and statistical tests of this randomizer are underway and should be completed in January 1958. With favorable results from these tests and from service tests of the TSEC/KX-3, there is every reason to believe that the AS-4A system with the TSEC/KX-3 will be acceptable for the transmission of all classifications of traffic. Before final determination, the above mentioned tests as well as operational testing of the AS-4A with the TSEC/KX-3 must be concluded.

Sincerely,

MANN HAMM  
Captain, USN  
Deputy Director of  
Communications Security

~~CONFIDENTIAL~~

~~SECRET~~